Cable ties complete with integrated RFID transponder

T50RFID – Low Frequency (LF) and High Frequency (HF)

RFID cable ties provide an innovative solution for clear and rapid product identification. The nylon cable ties are equipped with an RFID transponder and therefore combine the numerous advantages of a regular cable tie with RFID technology. The ties are especially suited for securing, serialisation, tracking and identification of products in the areas of resource management, electrical inspection, inventory, distribution and rental services as well as for easy management of maintenance and repair routines.

Features and benefits

- Flexible, contactless data communication
- Clear identification of objects through unique numbering
- Faster data management compared to paper solution
- More accurate documentation processes – prevention of human errors
- Robust and resistant to harsh environments and cleaning processes
- Low frequency (LF – 125 kHz) - Read only
- High frequency (HF – 13.56 MHz) - Rewritable

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MATERIAL

Polyamide 6.6 (PA66)

<table>
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<tbody>
<tr>
<td>125 kHz (LF)</td>
<td>1.5</td>
<td>50.0</td>
<td>4.6</td>
<td>200.0</td>
<td>225</td>
<td>Yellow (YE)</td>
<td>100 pcs.</td>
<td>6;54</td>
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<tr>
<td>13.56 MHz (HF)</td>
<td>1.5</td>
<td>50.0</td>
<td>4.6</td>
<td>200.0</td>
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<td>Yellow (YE)</td>
<td>100 pcs.</td>
<td>6,52-53</td>
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<td>200.0</td>
<td>225</td>
<td>Black (BK)</td>
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<td>6,52-53</td>
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<td>13.56 MHz (HF)</td>
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<td>4.6</td>
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<td>225</td>
<td>Light Blue (LTBU)</td>
<td>100 pcs.</td>
<td>6,52-53</td>
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All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.
More colours on request.

Recommended Tools

<table>
<thead>
<tr>
<th>EVO7</th>
<th>RFID-DT22-HF</th>
<th>RFID-HS98T-HF</th>
<th>RFID-HS98T-LF</th>
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<td>6</td>
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<tr>
<td>554</td>
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For more information on toolings please refer to the Application Tooling chapter.

For product specific approvals and specifications please refer to the Appendix.

Further information at www.HellermannTyton.com/identification